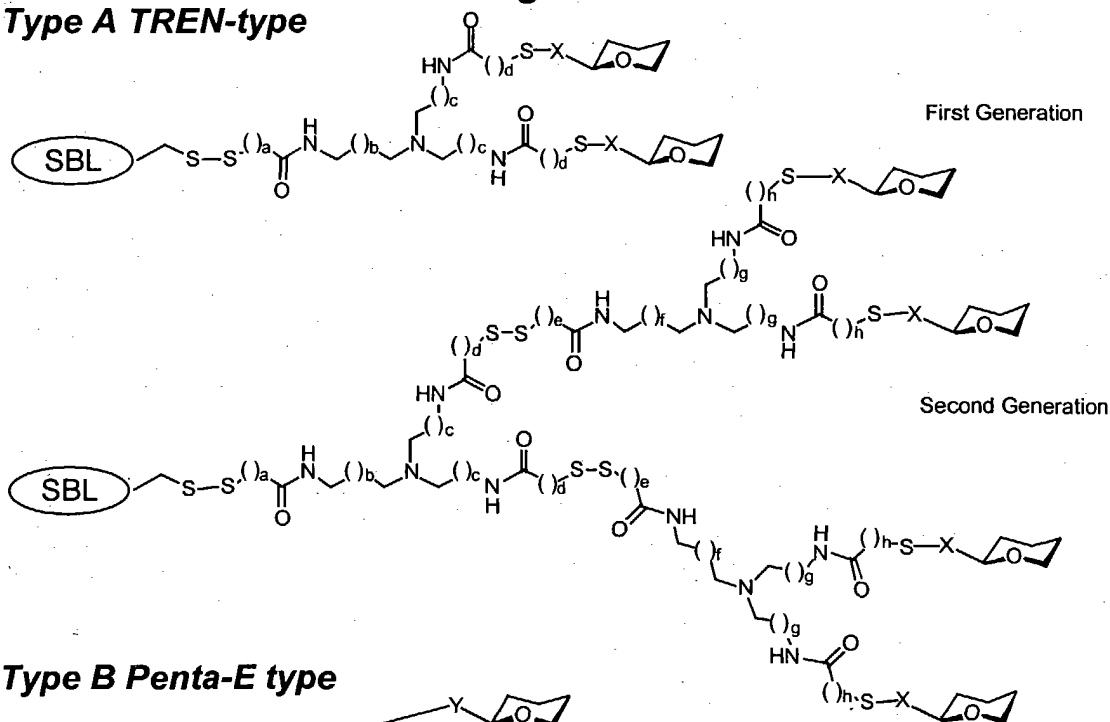
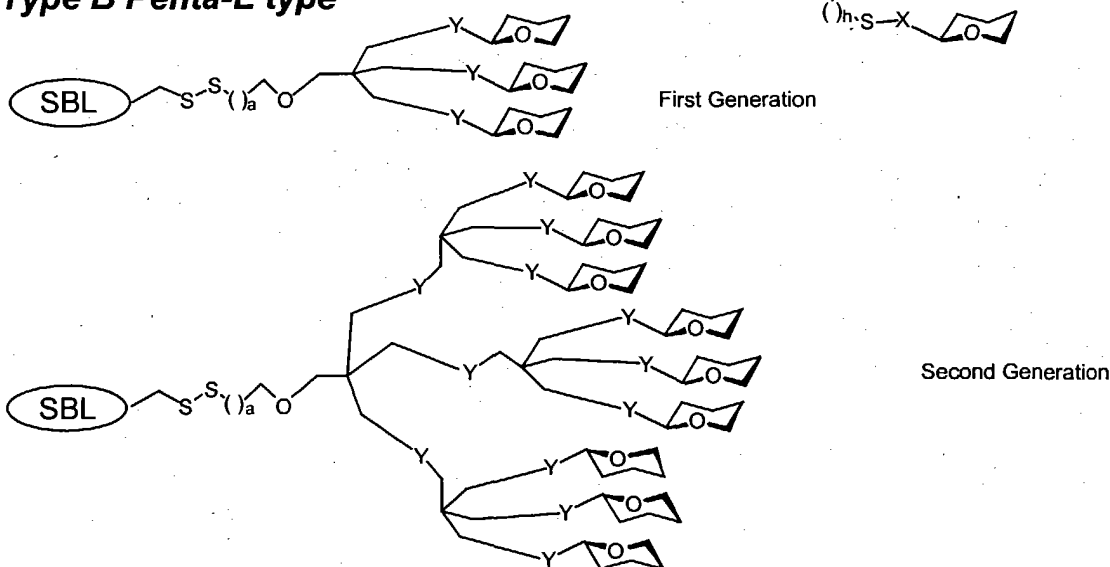


Figure 1

Type A TREN-type



Type B Penta-E type



where

X = nothing or S or $\text{S}(\text{CH}_2)_2\text{O}$ or $\text{S}(\text{CH}_2)_3\text{O}$ or $\text{S}(\text{CH}_2)_4\text{O}$; Y = O or SS or $(\text{CH}_2)_2\text{O}$ or $\text{S}(\text{CH}_2)_3\text{O}$ or $\text{S}(\text{CH}_2)_4\text{O}$;
A = SS or O; [P] = H or Ac or Bn

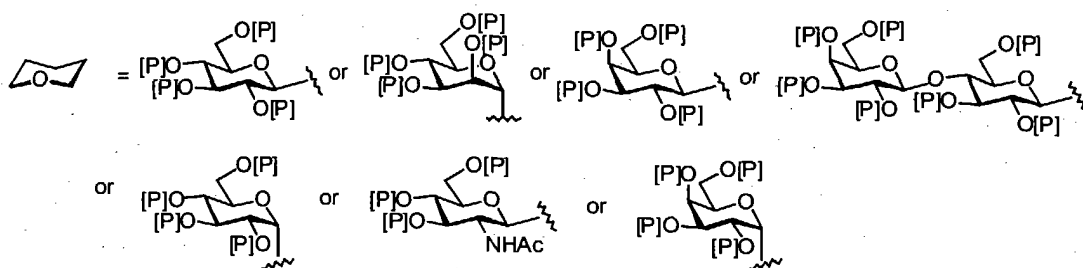
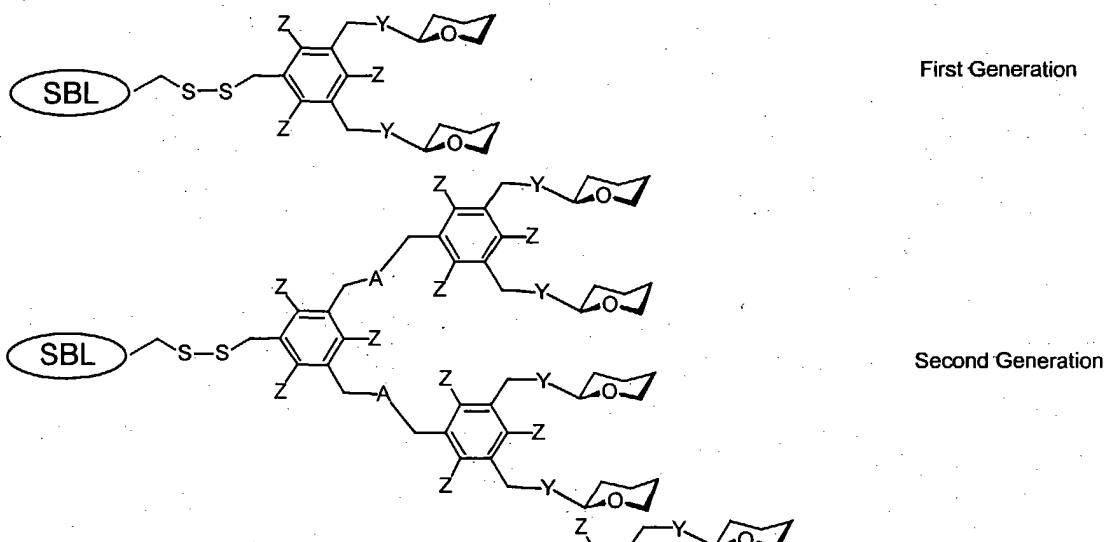
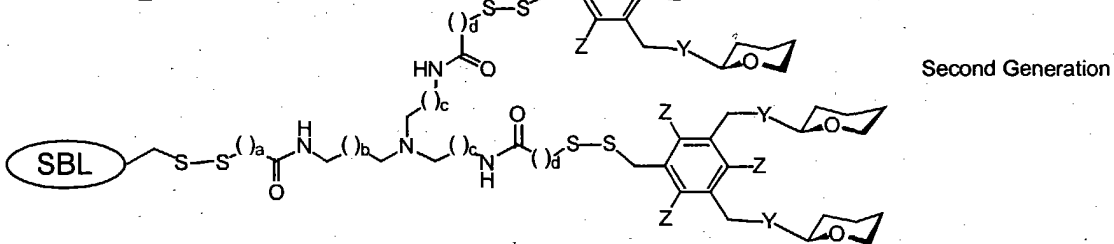


Figure 2

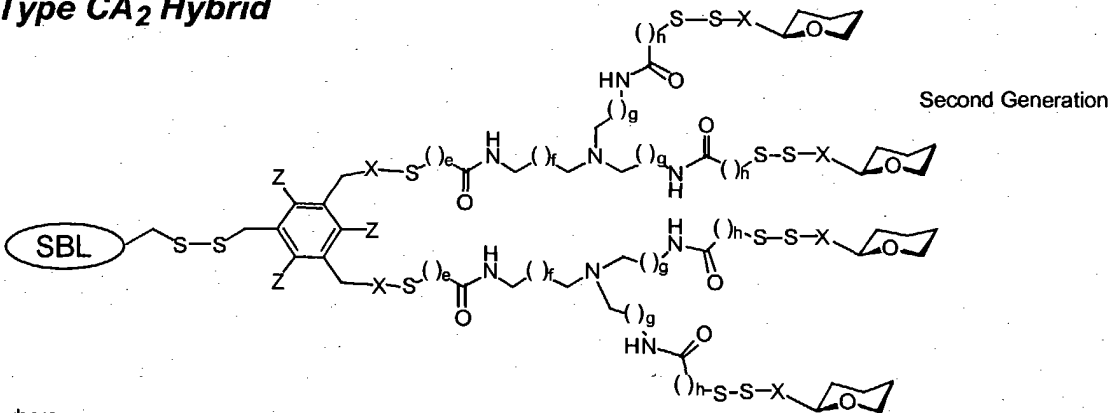
Type C - ArGal type



Type AC₂ Hybrid



Type CA₂ Hybrid



where

X = nothing or S or S(CH₂)₂O or S(CH₂)₃O or S(CH₂)₄O; Y = O or SS or (CH₂)₂O or S(CH₂)₃O or S(CH₂)₄O;
A = SS or O; [P] = H or Ac or Bn, Z = H or CH₃

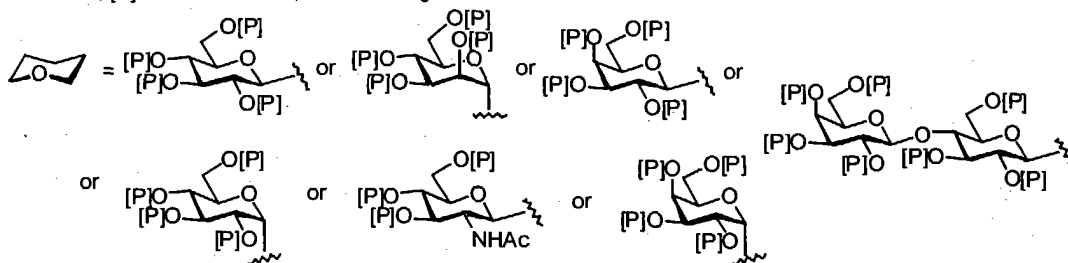


Figure 3

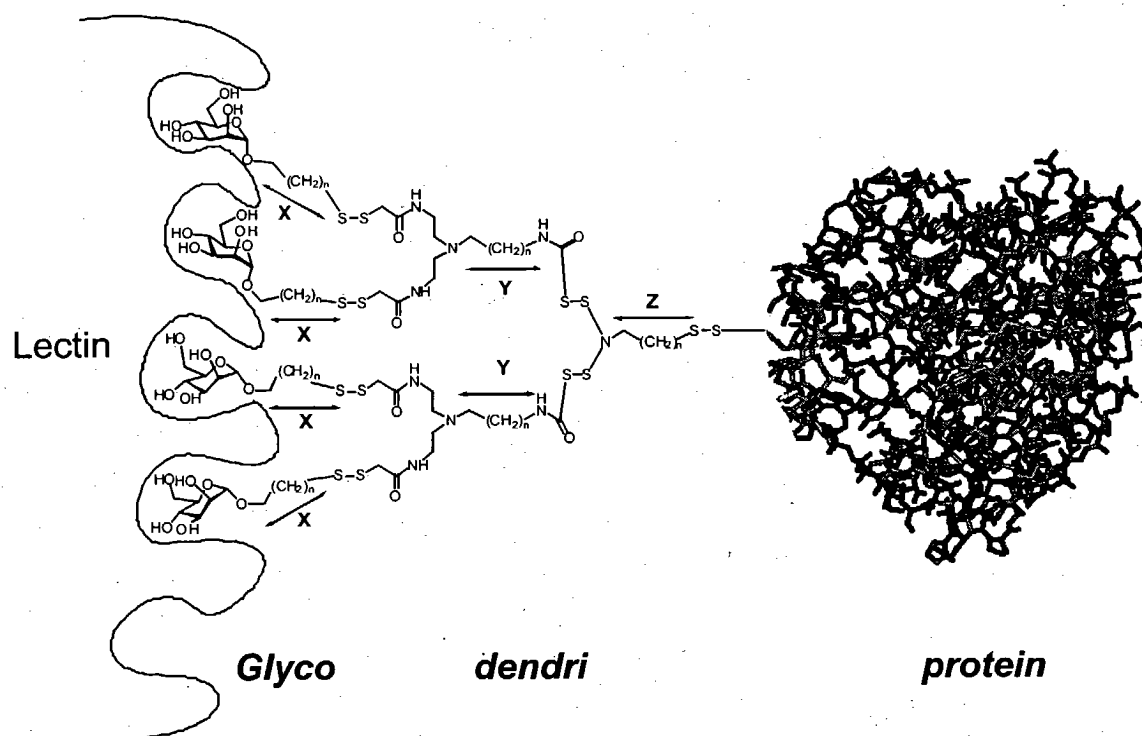


Figure 4

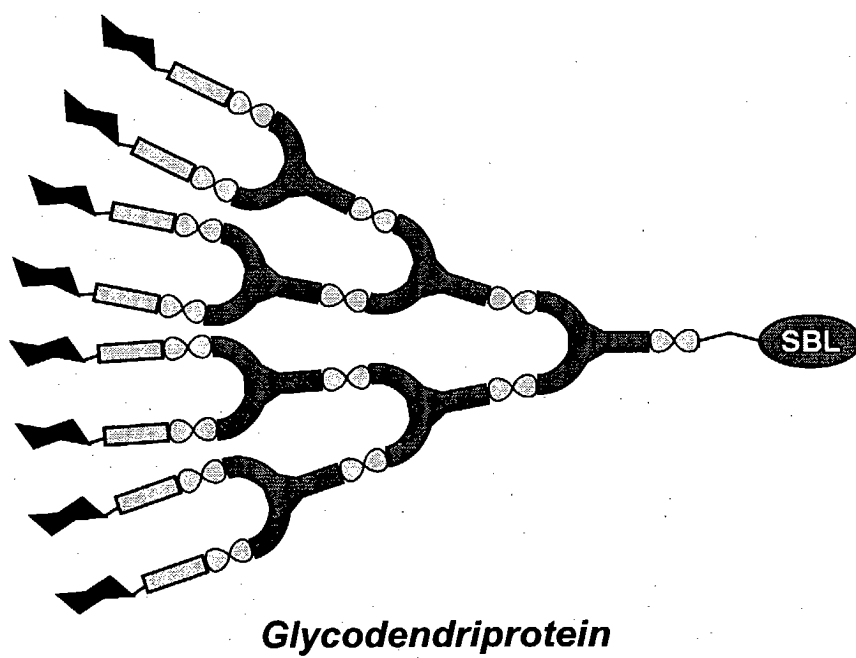
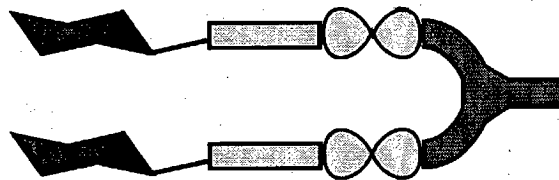
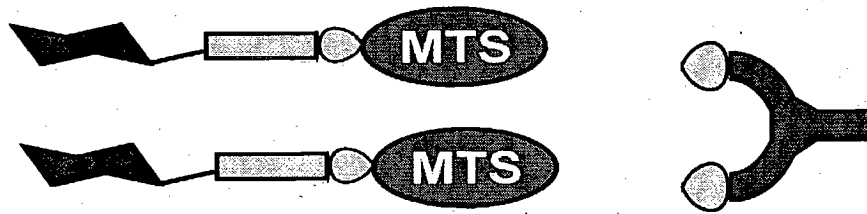
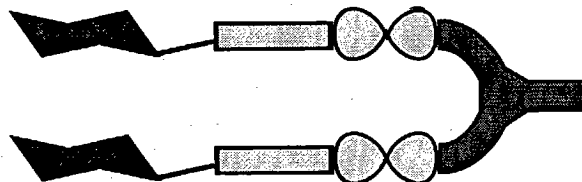
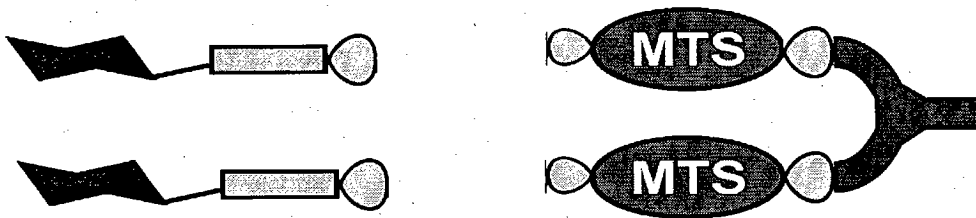


Figure 5



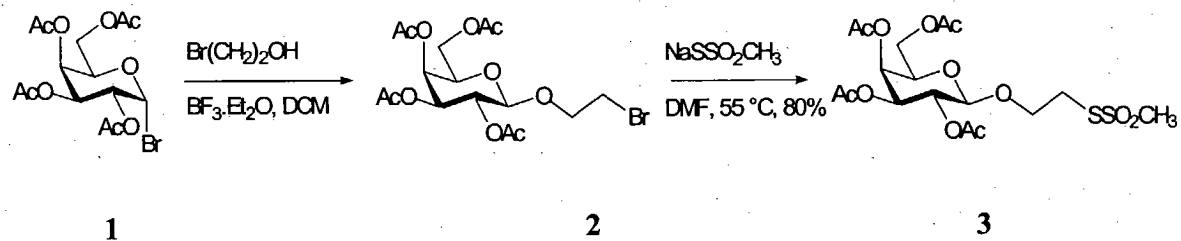
Normal Addition



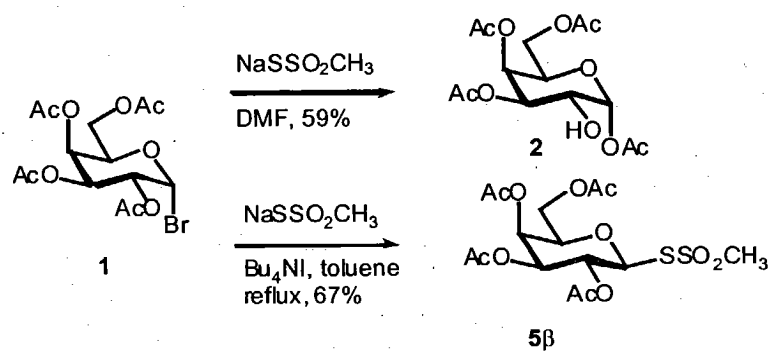
Inverse Addition

Figure 6

Scheme 1



Scheme 2



Scheme 3

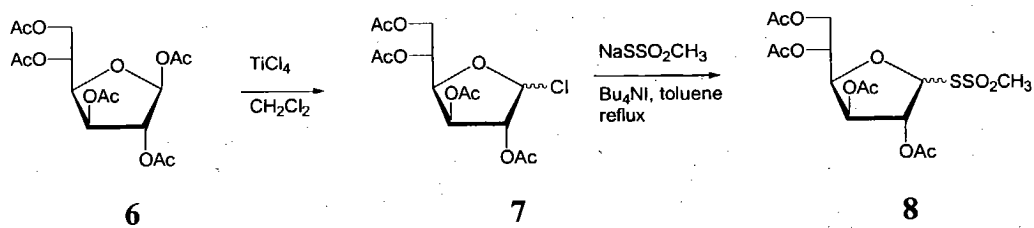
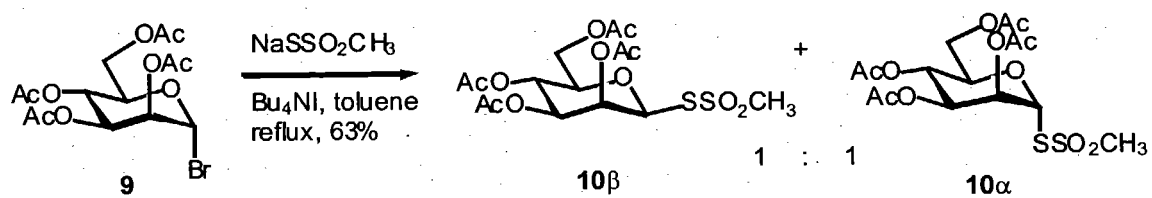


Figure 7

Scheme 4



Scheme 5

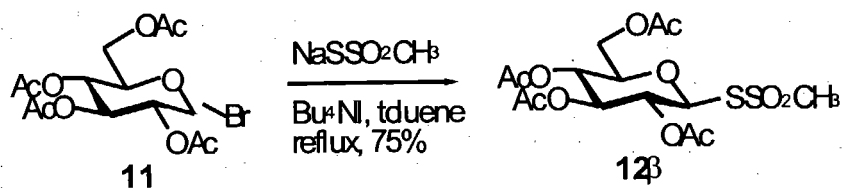


Figure 8

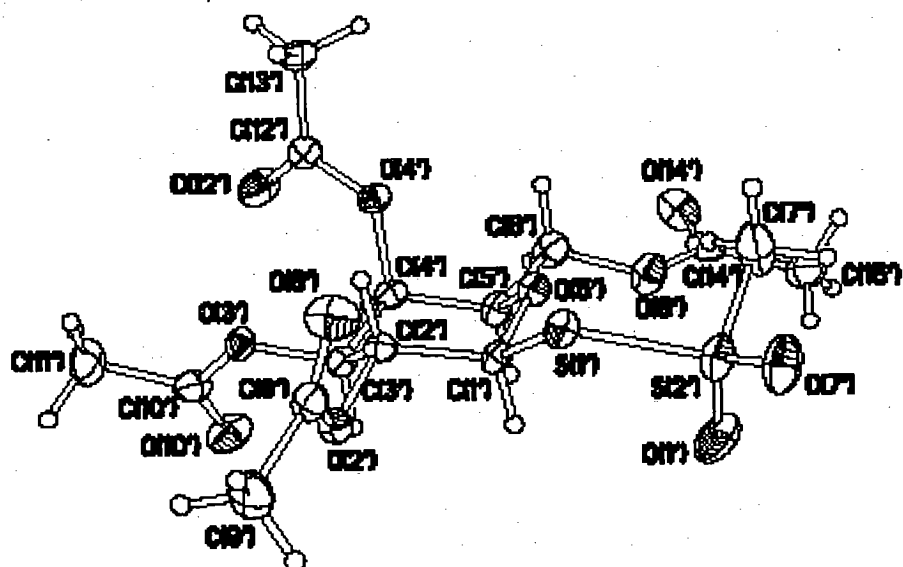
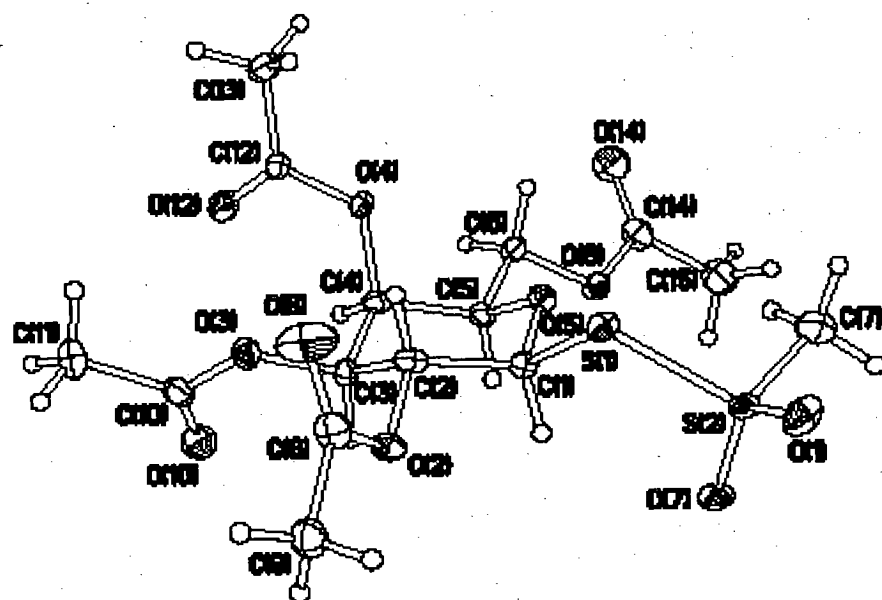


Figure 9

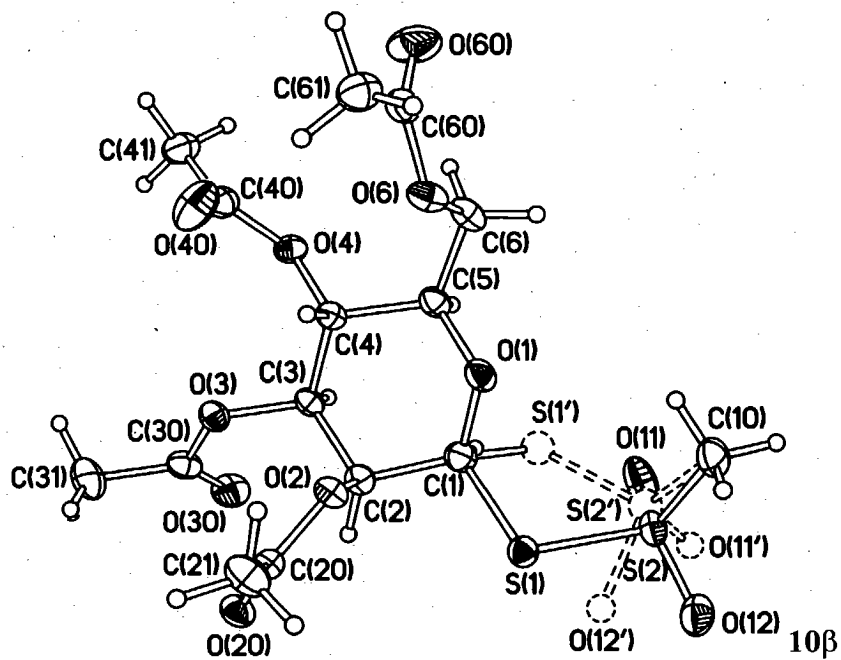
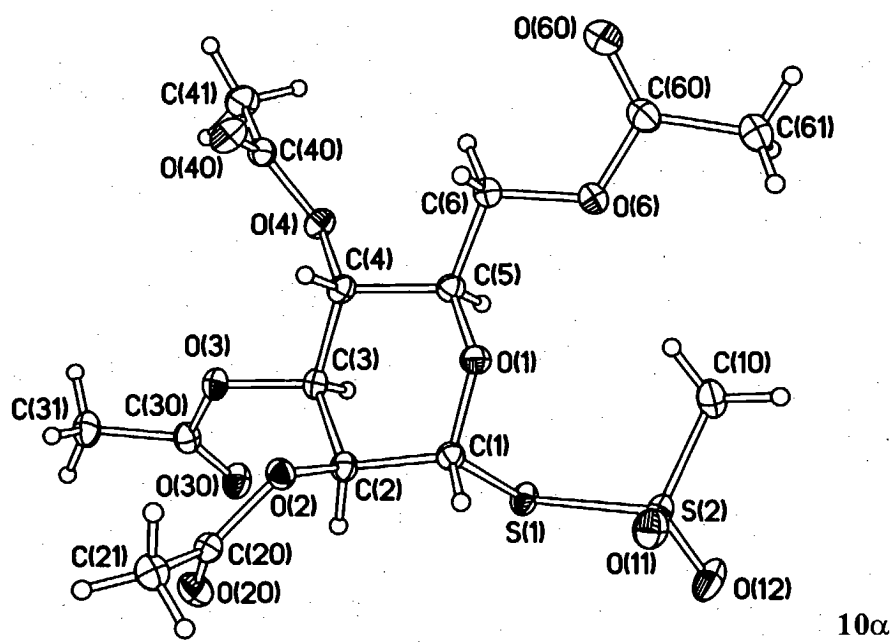


Figure 10

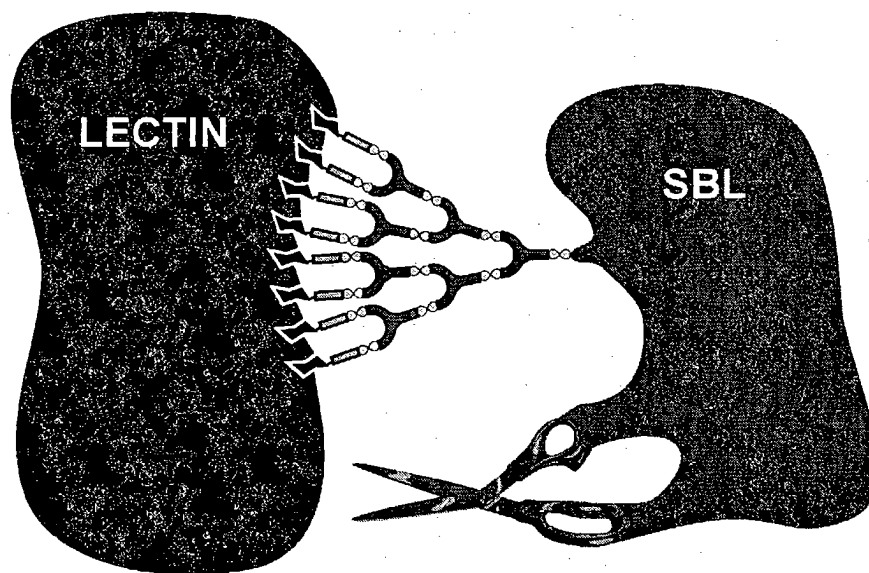


Figure 11

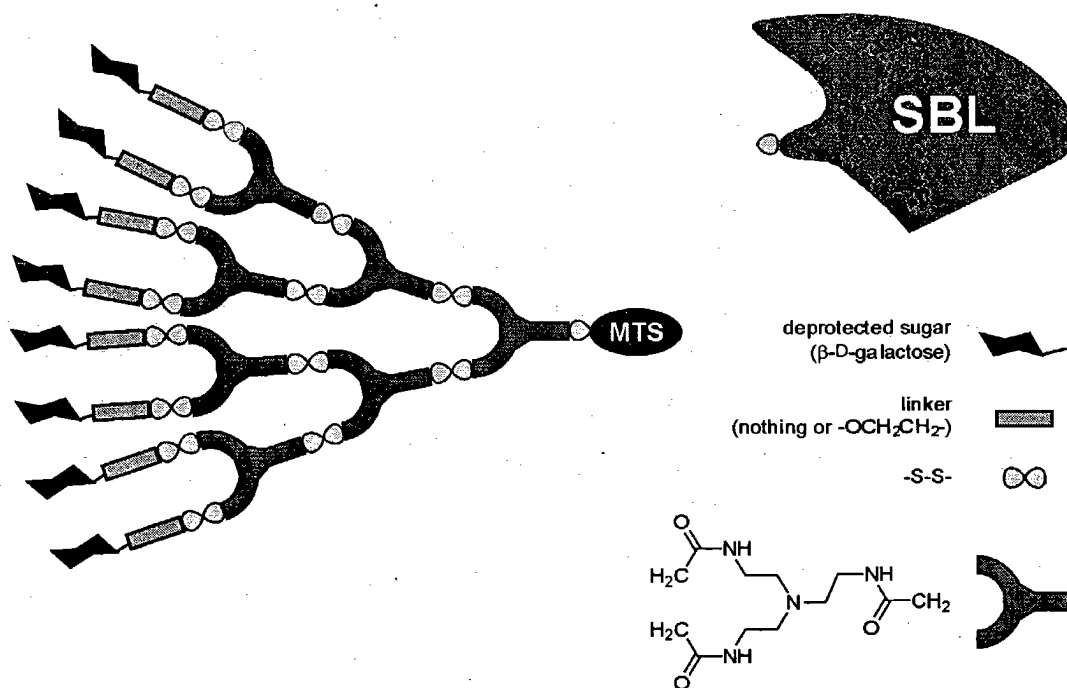
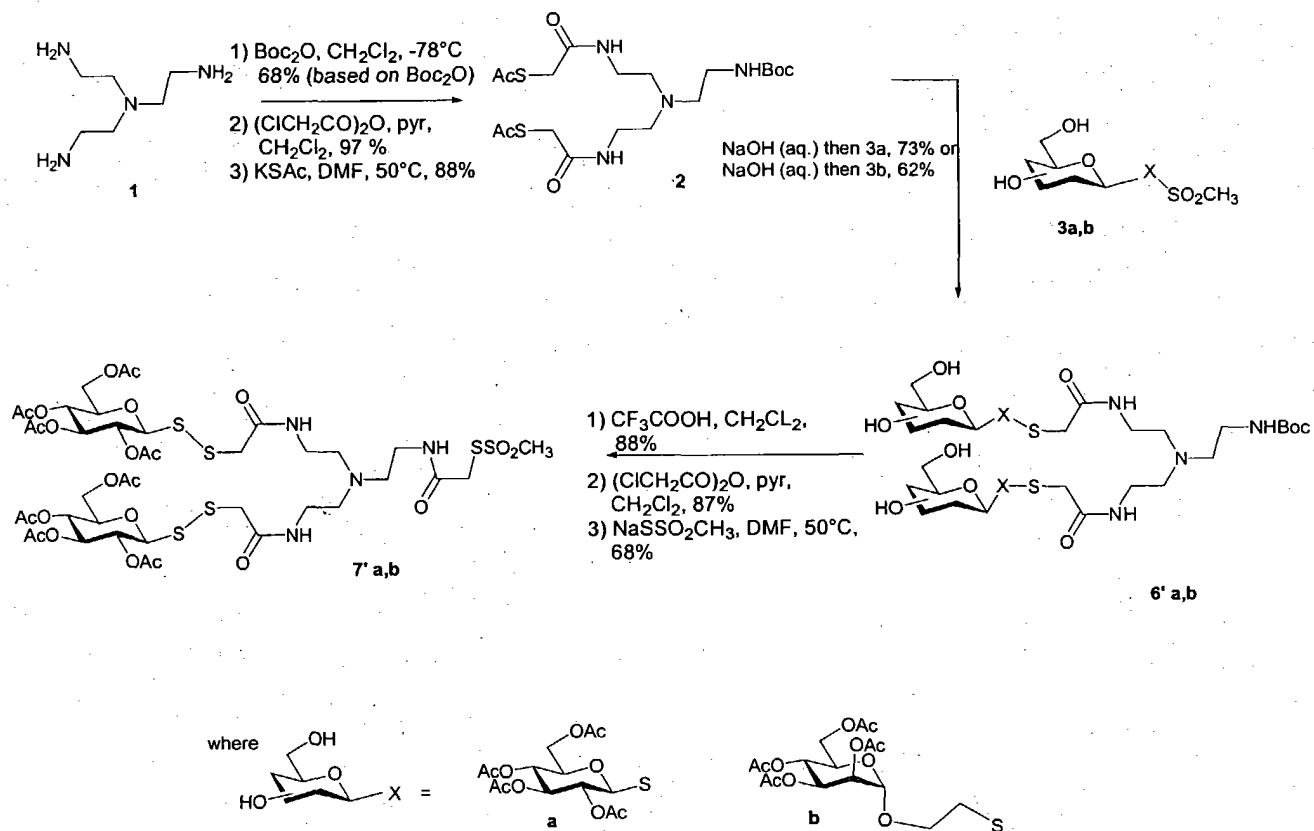


Figure 12

Scheme 6



Glycodendrimer proteins from 7'a, 7'b

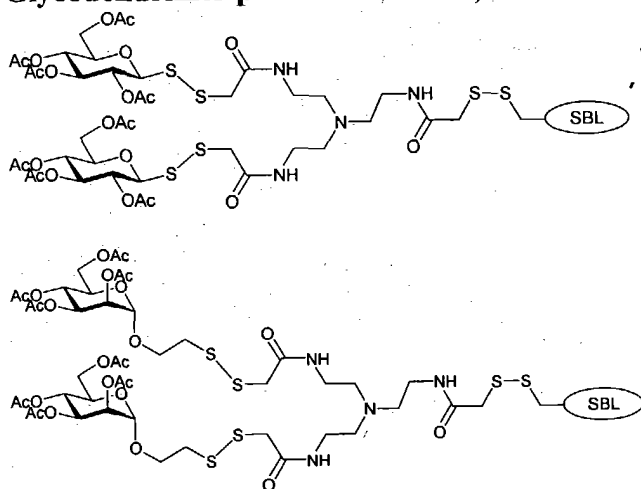


Figure 13

Scheme 7

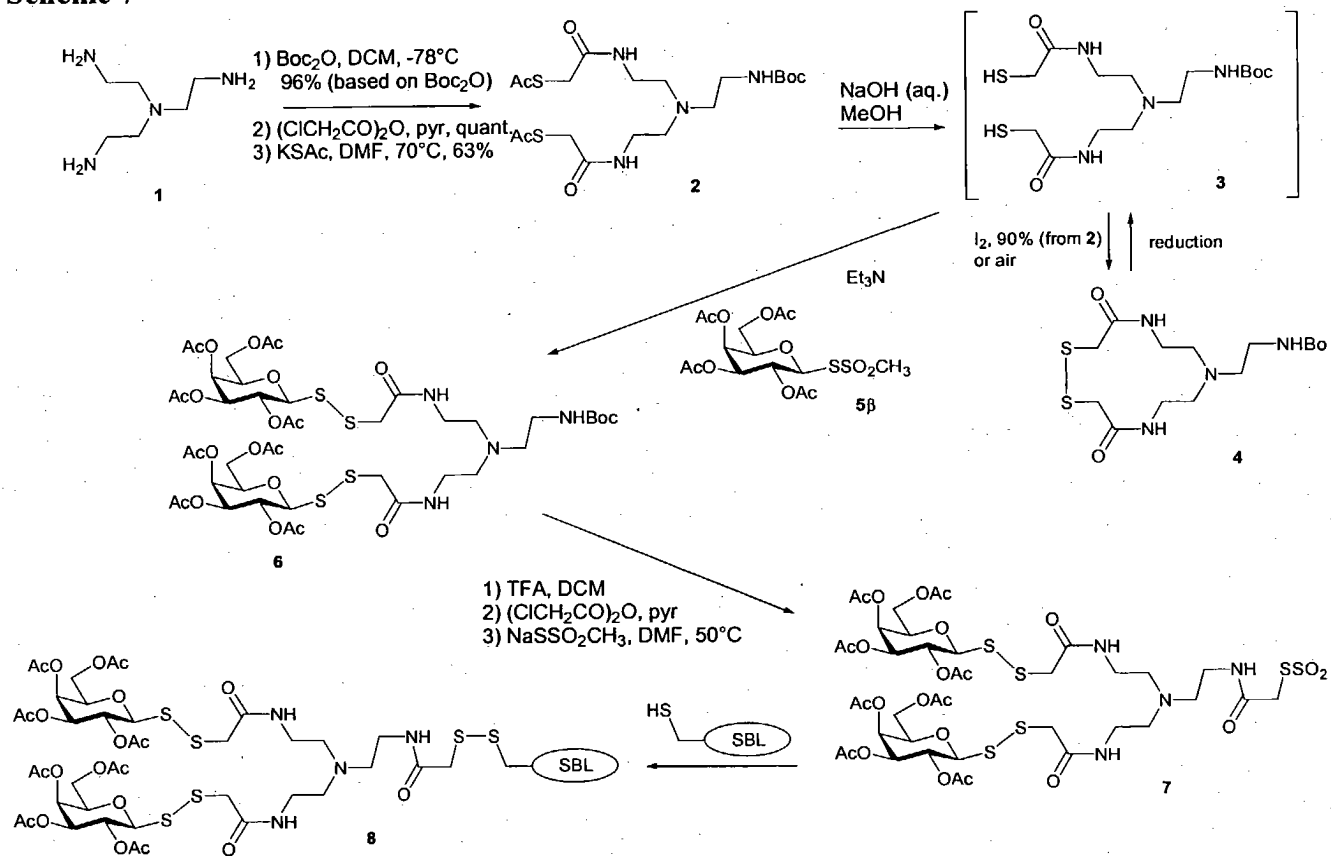


Figure 14

Scheme 8

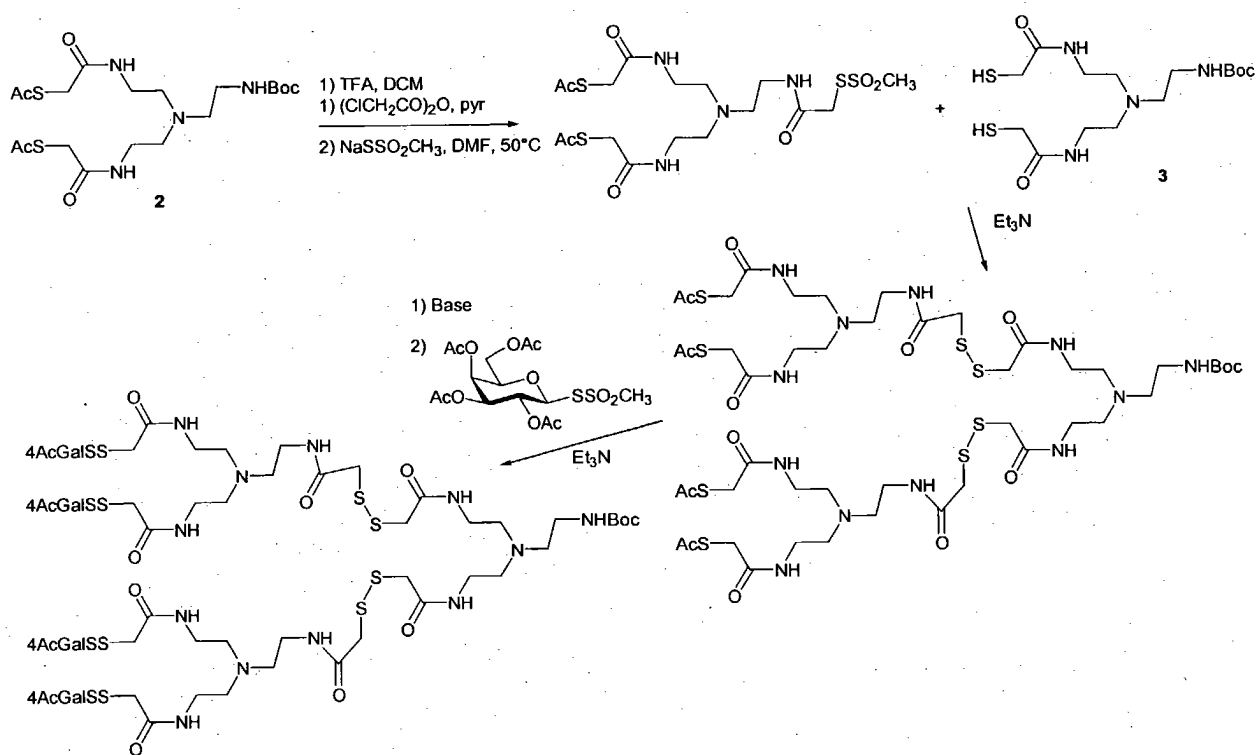
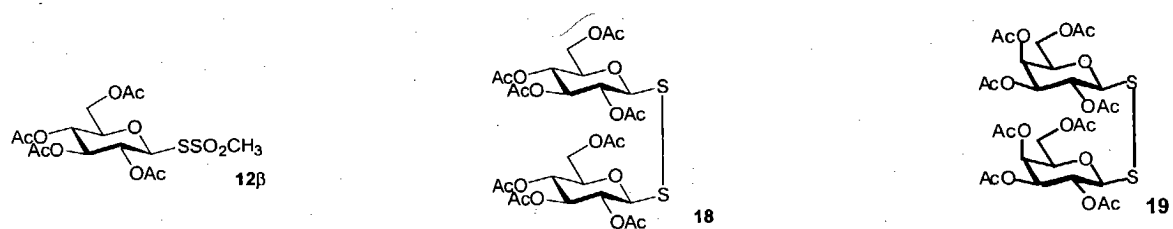


Figure 15



Scheme 9

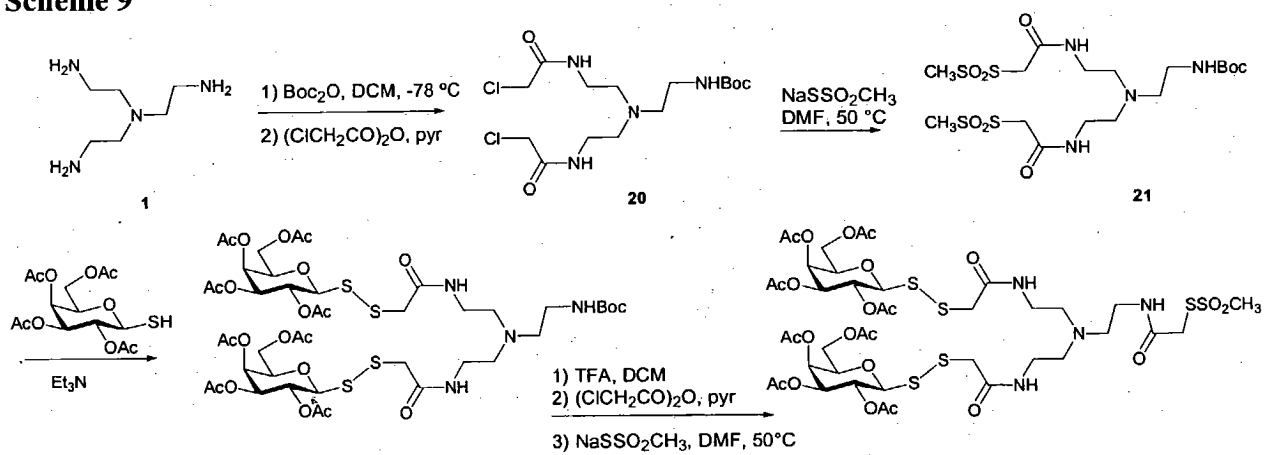


Figure 16

Scheme 10

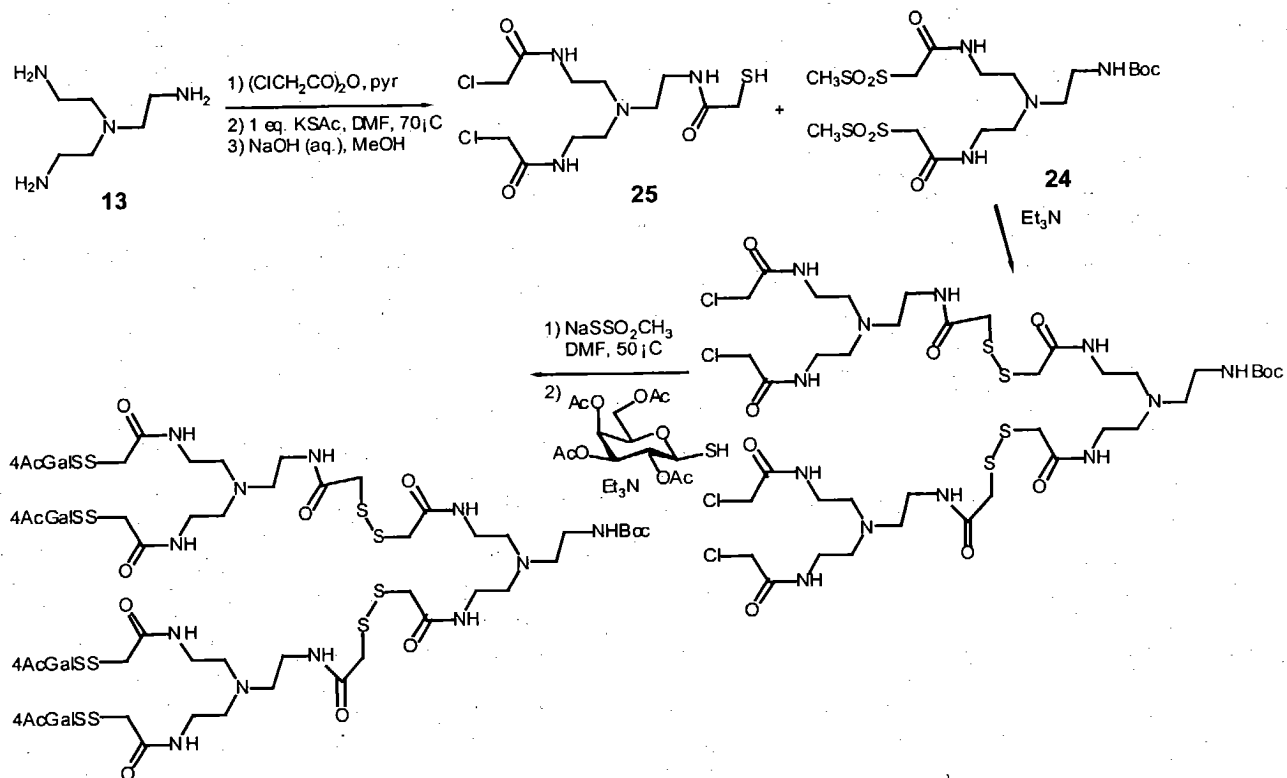
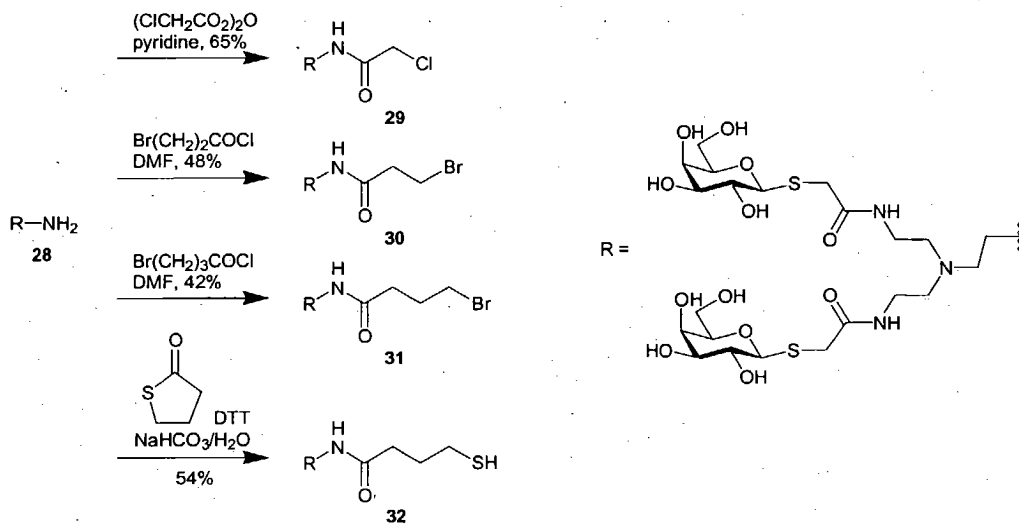
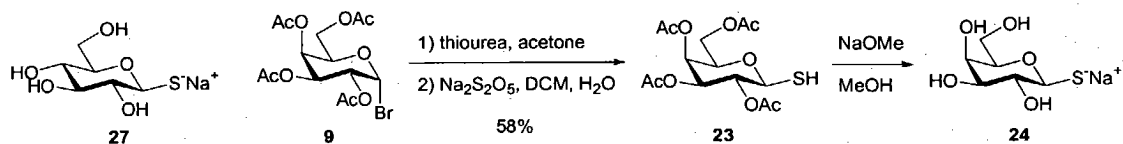


Figure 17

Scheme 11



Scheme 12



Scheme 13

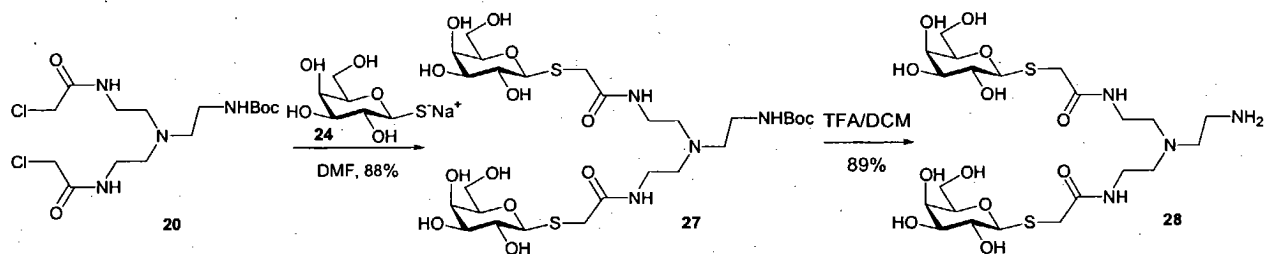


Figure 18

Scheme 14

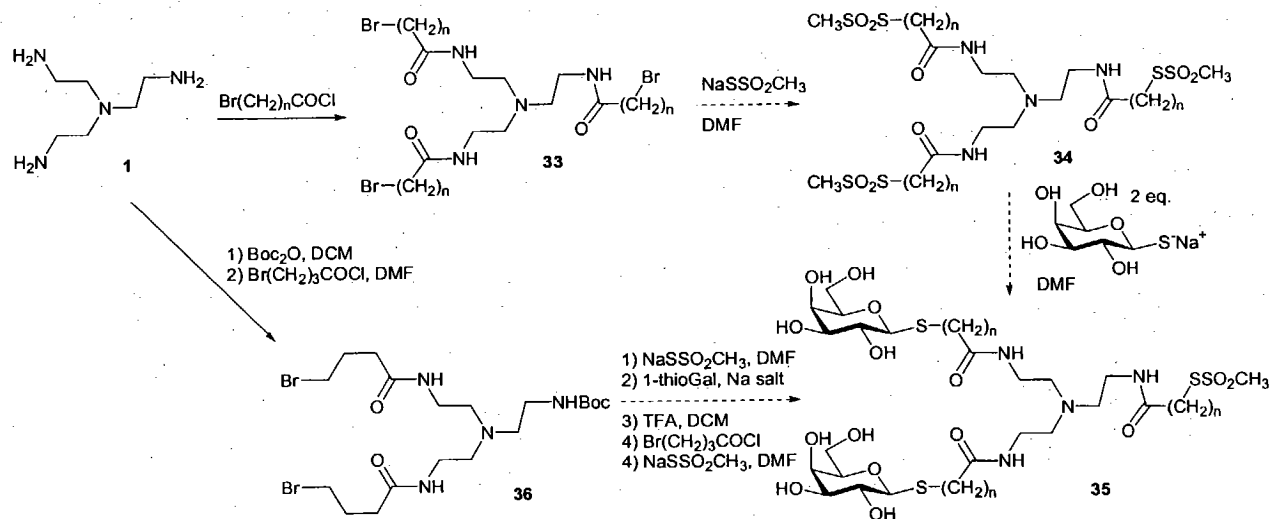
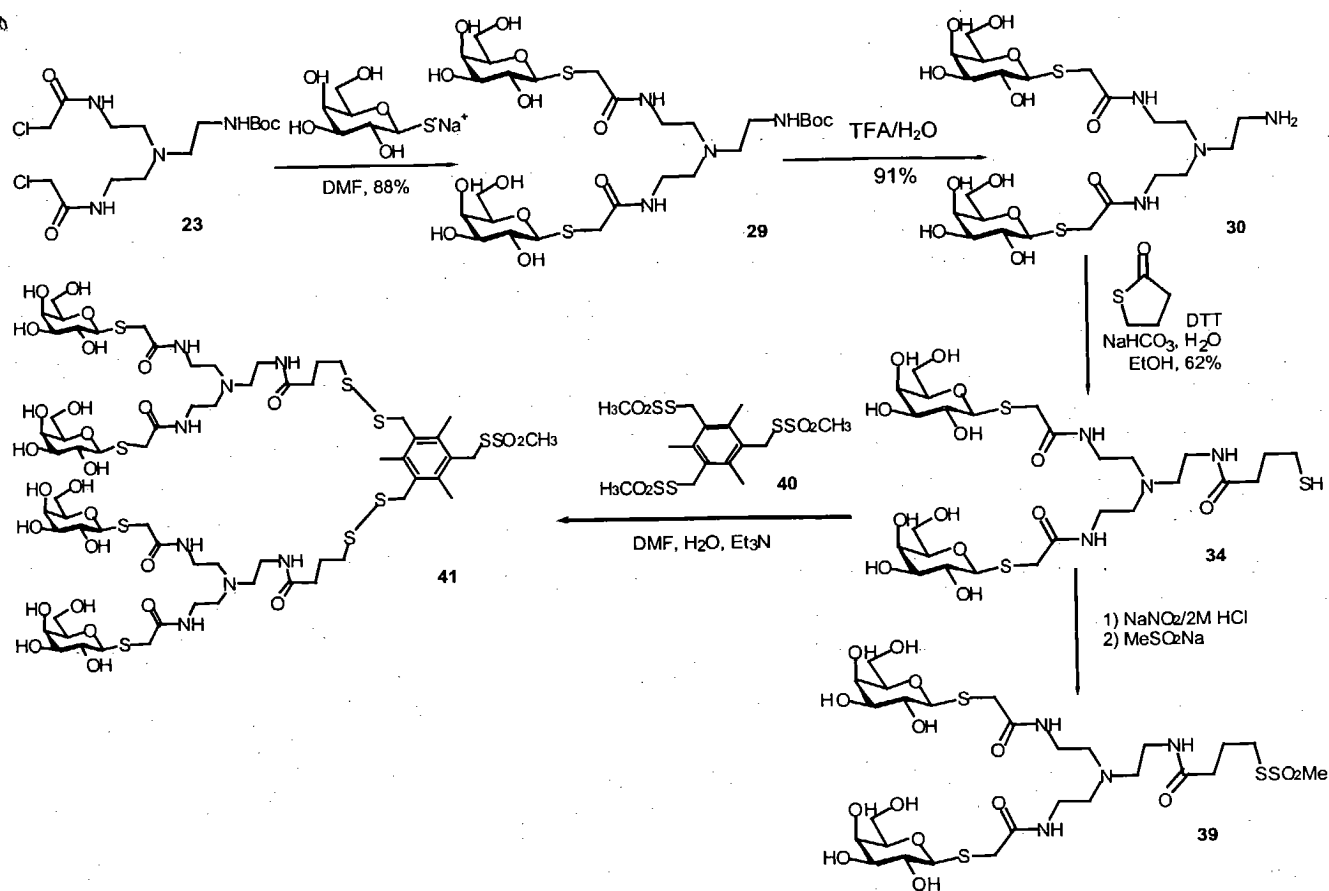


Figure 19

Scheme 15



Scheme 16

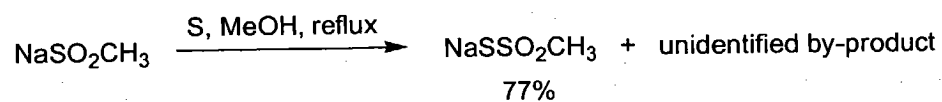
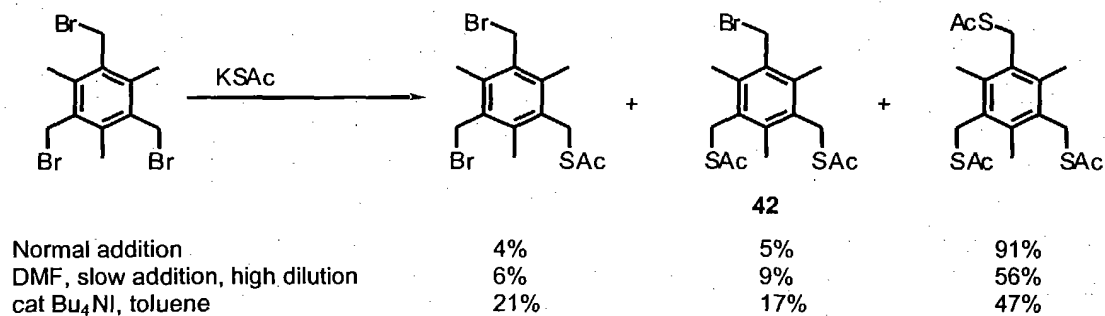


Figure 20

Scheme 17



Scheme 18

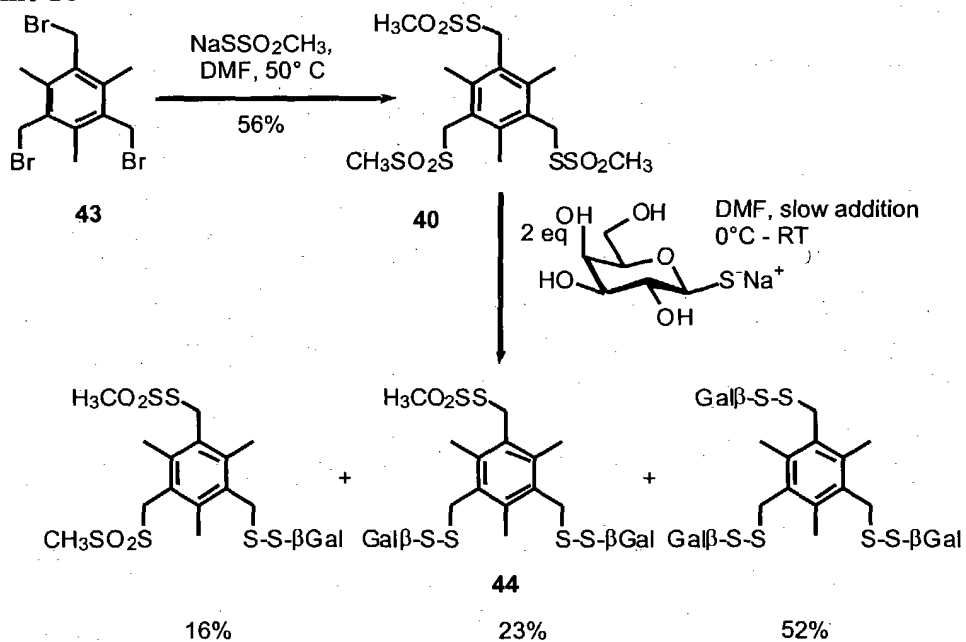
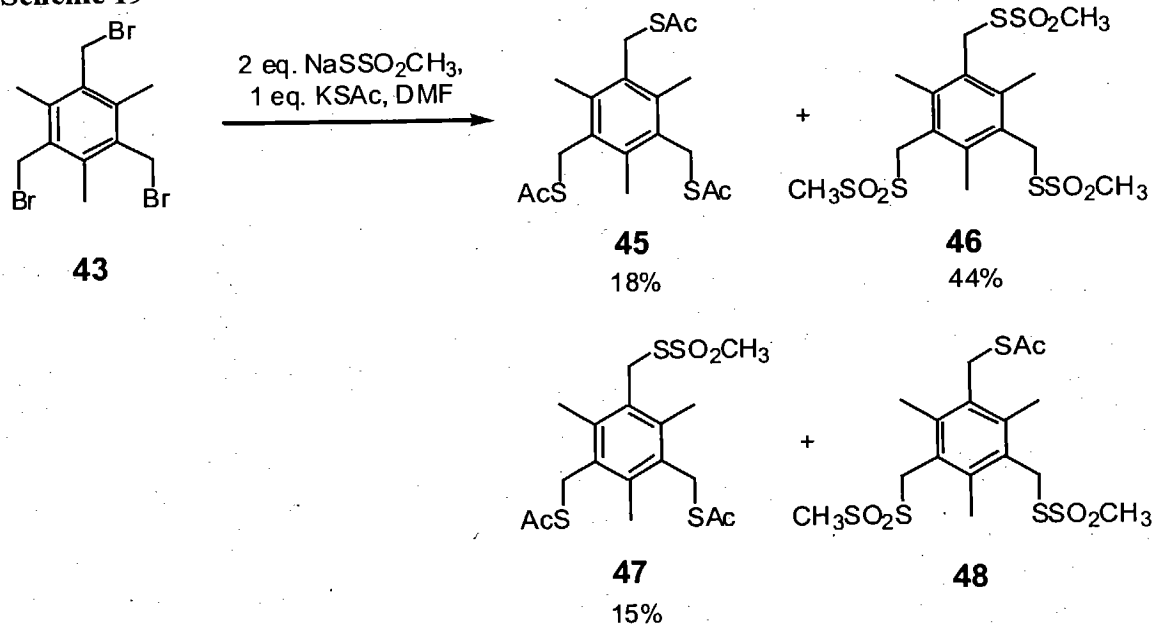


Figure 21

Scheme 19



Scheme 20

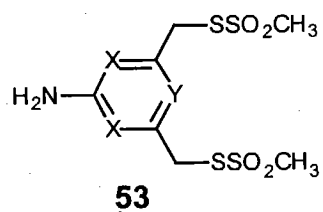
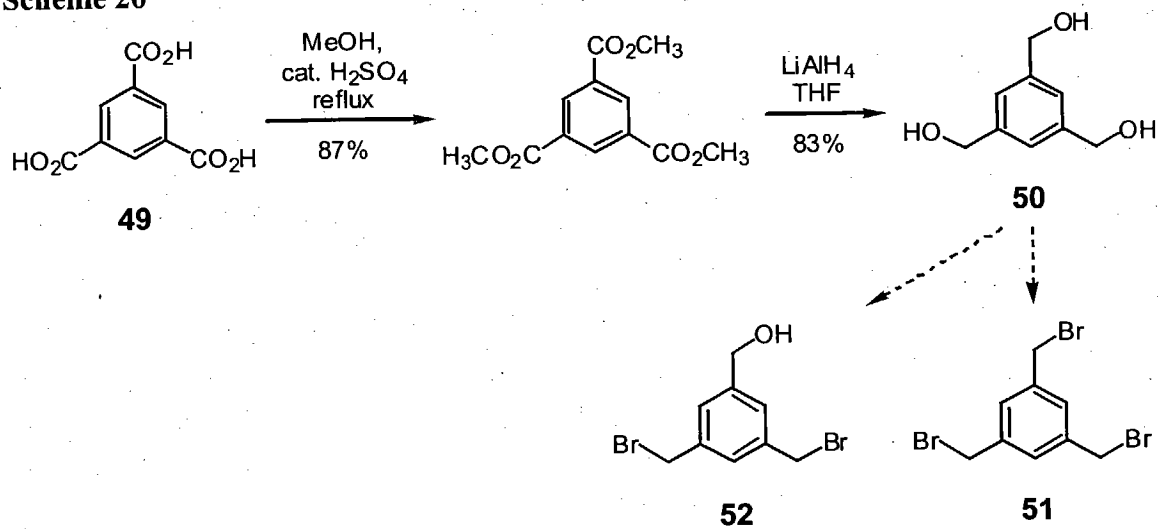


Figure 22

Scheme 21

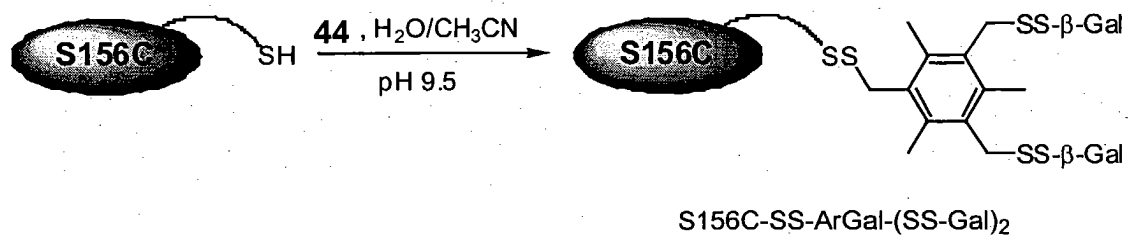


Figure 23

